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Scott William McIntosh

EDUCATION University of Glasgow, Glasgow, Scotland Oct. 1995 – Aug. 1998
Department of Physics and Astronomy
Ph. D. Astrophysics
Thesis Title: “Optimal Diagnosis of Hot Solar Plasmas”

University of Glasgow, Glasgow, Scotland Oct. 1991 – Jun. 1995
Department of Physics and Astronomy
B. Sc. (Hons. First Class) Mathematics and Physics

EXPERIENCE NASA Goddard Space Flight Center, Greenbelt MD. Feb. 2001 - Present
European Space Agency, External Fellow
- Analysis of SOHO and TRACE UV/EUV data.
- Development of Radiation MHD code.
- Development of Wavelet analysis techniques for solar data.
- Studying the Self-Organized Criticality.

NCAR High Altitude Observatory, Boulder, CO Jan. 1999 – Jan. 2001
Advanced Study Program, Post-Doctoral Fellow
- Analysis of SOHO and TRACE UV/EUV data.
- Solar UV/EUV remote sensing problems
- Studying MHD wave propagation in the solar atmosphere

University of Glasgow, Glasgow, Scotland Sep. 1998 – Dec. 1999
UK PPARC/RAL Starlink System Manager
- General system administration duties
- Departmental webmaster

SKILLS Expertise in the use of the Interactive Data Language (IDL) for data analysis
Languages : French (Int.), German (Int.), Italian (Beg.), Norwegian (Beg.)
Computing (Platforms) : UNIX (several flavors), Linux, Windows (95,98,2000, NT)
Computing (Languages) : F77, F90, C, C++, Java, Pascal, HTML, Flash

ACTIVITIES Member of American Astronomical Society and American Geophysical Union.
Peer reviewer/referee for Astronomy & Astrophysics, Solar Physics and Experimental
Astronomy Journals

HONORS M. K. Hunter Memorial Award for Research in Physics (1996).
Physics class prize (1992,1994).
Mathematics class prize (1991).
(All University of Glasgow, Glasgow, Scotland)

INTERESTS Reading, Writing (articles and correspondence), Travel,
Golf (single-figure handicap), Soccer, Running, Squash, Badminton,
Hill-walking, Camping, Climbing